

# TrkB Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01108-3**

## Capture Antibody Information

**Catalog Number:**  
80878-5-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
241473H2

**Reactivity:**  
human

**Immunogen Catalog Number:**  
Ag3790

**Conjugate:**  
Unconjugated

**Full name:**  
neurotrophic tyrosine kinase, receptor, type 2

**Gene ID:**  
4915

## Detection Antibody Information

**Catalog Number:**  
80878-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
241473C9

**Reactivity:**  
human

**GenBank:**  
BC031835

**Immunogen Catalog Number:**  
Ag3790

**Conjugate:**  
Unconjugated

**Full name:**  
neurotrophic tyrosine kinase, receptor, type 2

**Gene ID:**  
4915

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.313-40 ng/mL (Cytometric Bead Array)  
3.91-250 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP01108-3 targets TrkB in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: NTRK2 Recombinant antibody, PBS Only (Capture/Detector) 80878-5-PBS (241473H2). 100 µg. Concentration 1 mg/mL.

Detection antibody: NTRK2 Recombinant antibody, PBS Only (Detector) 80878-2-PBS (241473C9). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage buffer:**  
PBS only

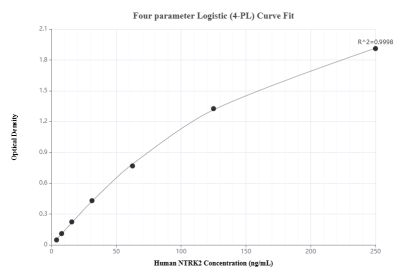
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

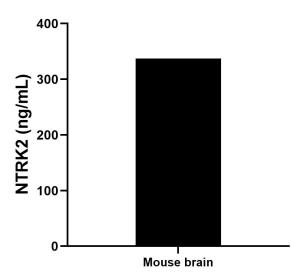
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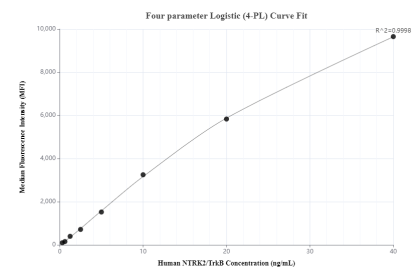
## Selected Validation Data



Sandwich ELISA standard curve of MP01108-3, Human NTRK2 Recombinant Matched Antibody Pair - PBS only. 80878-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3790. 80878-2-PBS was HRP conjugated as the detection antibody. Range: 3.91-250 ng/mL



The mean NTRK2 concentration was determined to be 337.29 ng/mL in mouse brain tissue extract based on a 2.0 mg/mL extract load.



Cytometric bead array standard curve of MP01108-3, TrkB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80878-5-PBS. Detection antibody: 80878-2-PBS. Standard: Ag3790. Range: 0.313-40 ng/mL